Author index

Albert, J., see Maggio, B. (945) 145
Amler, E., Svoboda, P., Teisinger, J. and Zborowski, J.
The role of carboxyl groups of Na^+/K^+-ATPase in the interaction with divalent cations (945) 367
Apell, H.-J., see Läuger, P. (945) 1
Arnold, K., see Barthel, D. (945) 361
Arumugam, S., see Riddell, F.G. (945) 65

Barthel, D., Zschoernig, O., Lange, K., Lenk, R. and Arnold, K.
Interaction of electrically charged drug molecules with phospholipid membranes (945) 361
Basu, J., Kundu, M., Rakshit, M.M. and Chakrabarti, P.
Abnormal erythrocyte membrane cytoskeleton structure in chronic myelogenous leukaemia (945) 121
Bäumert, H.G., see Vetter, I.R. (945) 11
Bhakoo, M. and McElhaney, R.N.
The effect of variations in growth temperature, fatty acid composition and cholesterol content on the lipid polar head-group composition of *Acholeplasma laidlawii* B membranes (945) 307
Bialas, W.A., see Mosior, M. (945) 51
Bonincontro, A., see Santini, M.T. (945) 56

Cabrini, G., see Dechecchi, M.C. (945) 113
Cametti, C., see Santini, M.T. (945) 56
Chakrabarti, P., see Basu, J. (945) 121
Chen, N., Crane, D.I. and Masters, C.J.
Analysis of the major integral membrane proteins of peroxisomes from mouse liver (945) 135
Chin, D.T., see McMorrow, I. (945) 315
Crane, D.I., see Chen, N. (945) 135

Dechecchi, M.C. and Cabrini, G.
Chloride conductance in membrane vesicles from human placenta using a fluorescent probe. Implications for cystic fibrosis (945) 113

Emery, P.W., see Muñoz, M. (945) 273
Epand, R.F., see Epand, R.M. (945) 161
Epand, R.M., Epand, R.F. and Lancaster, C.R.D.
Modulation of the bilayer to hexagonal phase transition of phosphatidylethanolamines by acylglycerols (945) 161
Esteller, A., see Garcia-Marin, J.J. (945) 17

Fiebig, K., see McMorrow, I. (945) 315
Fodor, I., see Lelkes, G. (945) 105
Frimmer, M., see Ziegler, K. (945) 263

Garcia, A., see Garcia-Marin, J.J. (945) 17
Garcia-Marin, J.J., Perez-Barriocanal, F., Garcia, A., Serrano, M.A., Regueiro, P. and Esteller, A.
Evidence for the presence of carbonic anhydrase in the plasma membrane of rat hepatocytes (945) 17
George, K., see O'Brien, T.G. (945) 41
Glazier, J.D., Jones, C.J.P. and Sibley, C.P.
Purification and Na^+ uptake by human placental microvillus membrane vesicles prepared by three different methods (945) 127
Godwin, P.L., see Noseda, A. (945) 92
Gomułkiewicz, J., see Mosior, M. (945) 51
Gu, Q., see Schwarz, W. (945) 167

Hanssum, H., see Vetter, I.R. (945) 11
Hatta, I., see Tsuchida, K. (945) 73
Haupt, A., see Ziegler, K. (945) 263
Higgins, Jr., J.T., see Thurman, C.L. (945) 81
Hollán, S.R., see Lelkes, G. (945) 105
Holman, V.P., see Langdon, R.G. (945) 23
Hu, V.W., see Liu, Z.-Y. (945) 253

Ikemoto, N., see Kim, D.H. (945) 246
Indovina, P.L., see Santini, M.T. (945) 56

Jones, C.J.P., see Glazier, J.D. (945) 127
Jones, G.P. and Paleg, L.G.
Interaction of the plant hormone, indole-3-acetic acid, with phosphatidylcholine model membranes: effects of acyl chain length (945) 175
Joseph, S.K., Rice, H.L. and Nicchitta, C.V.
Characteristics of GTP-mediated microsomal Ca^{2+} release (945) 185

Kasuya, I., see Takami, M. (945) 291
Kessler, H., see Ziegler, K. (945) 263
Kim, D.H., Sreter, F.A. and Ikemoto, N.
Involvement of the 60 kDa phosphoprotein in the regulation of Ca^{2+} release from sarcoplasmic reticulum of normal and malignant hyperthermia susceptible pig muscles (945) 246
Knoll, W., see Mortensen, K. (945) 221
Kolomytkin, O.V., Mantzyghin, J.A. and Swyatukhina, N.V.
Antibodies affect the ionic conductance of channels formed by amphotericin B in a lipid bilayer (945) 335
Kundu, M., see Basu, J. (945) 121

Lancaster, C.R.D., see Epand, R.M. (945) 161
Langdon, R.G. and Holman, V.P.
Immunological evidence that band 3 is the major glucose transporter of the human erythrocyte membrane (945) 23
Lange, K., see Barthel, D. (945) 361
Läuger, P. and Apell, H.-J.
Voltage dependence of partial reactions of the Na^+/K^+ pump: predictions from microscopic models (945) 1

Lee, M.K., see Teo, T.S. (945) 202
Lelkes, G., Fodor, I., Lelkes, G., Hollán, S.R. and Verkleij, A.J.
The distribution and aggregatability of intramembrane particles in phenylhydrazine-treated human erythrocytes (945) 105
Lelkes, G., see Lelkes, G. (945) 105
Lenk, R., see Barthel, D. (945) 361
Léonard, A.J., see Mozes, N. (945) 324
Liu, Z.-Y., Solow, R. and Hu, V.W.
Fluorescence analysis of size distribution and mode of dye release from carboxyfluorescein-loaded vesicles: application to the study of complement–membrane interactions (945) 253
Longoni, S., see Philipson, K.D. (945) 298
Lundahl, P., see Mascher, E. (945) 350

MacDonald, J.I.S. and Weeks, G.
Purification and characterization of a Ca^{2+}- or Mg^{2+}-stimulated ATPase from plasma membrane enriched fractions of *Dictyostelium discoideum* (945) 211
Maggio, B., Albert, J. and Yu, R.K.
Thermodynamic-geometric correlations for the morphology of self-assembled structures of glycosphingolipids and their mixtures with dipalmitoylphosphatidylcholine (945) 145
Mann, G.E., see Muñoz, M. (945) 273
Mantzyghin, J.A., see Kolomytkin, O.V. (945) 335
Marumo, F., see Tsukamoto, Y. (945) 281
Mascher, E. and Lundahl, P.
The human red cell glucose transporter in octyl glucoside. High specific activity of monomers in the presence of membrane lipids (945) 350
Masters, C.J., see Chen, N. (945) 135
McElhaney, R.N., see Bhakoo, M. (945) 307
McMorrow, I., Chin, D.T., Fiebig, K., Pierce, J.L., Wilson, D.M., Reeve, E.C.R. and Wilson, T.H.
The lactose carrier of *Klebsiella pneumoniae* M5a1; the physiology of transport and the nucleotide sequence of the *lac*Y gene (945) 315
Mizumoto, K., see Takami, M. (945) 291
Modest, E.J., see Noseda, A. (945) 92
Mortensen, K., Pfeiffer, W., Sackmann, E. and Knoll, W.
Structural properties of a phosphatidylcholine-cholesterol system as studied by small-angle neutron scattering: ripple structure and phase diagram (945) 221
Mosior, M., Bialas, W.A. and Gomułkiewicz, J.
Effect of DIDS on osmotic properties of bovine erythrocytes (945) 51
Mozes, N., Léonard, A.J. and Rouxhet, P.G.
On the relations between the elemental surface composition of yeasts and bacteria and their charge and hydrophobicity (945) 324
Muñoz, M., Emery, P.W., Peran, S. and Mann, G.E.
Dietary regulation of amino acid transport activity in the exocrine pancreatic epithelium (945) 273

Nagle, J.F., see Yang, C.P. (945) 101
Nicchitta, C.V., see Joseph, S.K. (945) 185
Noseda, A., Godwin, P.L. and Modest, E.J.
Effects of antineoplastic ether lipids on model and biological membranes (945) 92

O'Brien, T.G., George, K. and Prettyman, R.
Protein kinase C and membrane transport: divergent responses of $Na^+/K^+/Cl^-$ cotransport and sugar transport to exogenous diacylglycerol (945) 41
Olorunsogo, O.O., Villalobo, A., Wang, K.K.W. and Roufogalis, B.D.
The effect of calmodulin on the interaction of carbodiimides with the purified human erythrocyte (Ca^{2+} + Mg^{2+})-ATPase (945) 33

Paleg, L.G., see Jones, G.P. (945) 175
Peran, S., see Muñoz, M. (945) 273
Perez-Barriocanal, F., see Garcia-Marin, J.J. (945) 17
Pfeiffer, W., see Mortensen, K. (945) 221
Philipson, K.D., Longoni, S. and Ward, R.
Purification of the cardiac Na^+–Ca^{2+} exchange protein (945) 298
Pierce, J.L., see McMorrow, I. (945) 315
Prettyman, R., see O'Brien, T.G. (945) 41

Rakshit, M.M., see Basu, J. (945) 121
Redha, R., see Said, H.M. (945) 195
Reeve, E.C.R., see McMorrow, I. (945) 315
Regueiro, P., see Garcia-Marin, J.J. (945) 17
Rice, H.L., see Joseph, S.K. (945) 185
Riddell, F.G. and Arumugam, S.
Surface charge effects upon membrane transport processes: the effects of surface charge on the monensin-mediated transport of lithium ions through phospholipid bilayers studied by ^{7}Li-NMR spectroscopy (945) 65
Roufogalis, B.D., see Olorunsogo, O.O. (945) 33
Rouxhet, P.G., see Mozes, N. (945) 324

Sackmann, E., see Mortensen, K. (945) 221
Said, H.M. and Redha, R.
Biotin transport in rat intestinal brush-border membrane vesicles (945) 195
Santini, M.T., Bonincontro, A., Cametti, C. and Indovina, P.L.
Cesium ions delay membrane fusion of chick embryo myoblasts in vitro: a conductivity study (945) 56
Schwarz, W. and Gu, Q.
Characteristics of the Na^+/K^+-ATPase from *Torpedo californica* expressed in *Xenopus* oocytes: A combination of tracer flux measurements with electrophysiological measurements (945) 167
Serrano, M.A., see Garcia-Marin, J.J. (945) 17
Sibley, C.P., see Glazier, J.D. (945) 127
Solow, R., see Liu, Z.-Y. (945) 253
Sreter, F.A., see Kim, D.H. (945) 246
Svoboda, P., see Amler, E. (945) 367
Swyatukhina, N.V., see Kolomytkin, O.V. (945) 335

Takami, M., Kasuya, I., Mizumoto, K. and Tsunoo, H.
A receptor for formaldehyde-treated serum albumin on human placental brush-border membrane (945) 291

Tamura, T., see Tsukamoto, Y. (945) 281
Teisinger, J., see Amler, E. (945) 367
Teo, T.S., Thiyagarajah, P. and Lee, M.K.
Characterisation of a high affinity Ca^{2+}-stimulated, Mg^{2+}-dependent ATPase in the rat parotid plasma membrane (945) 202
Thiyagarajah, P., see Teo, T.S. (945) 202
Thurman, C.L. and Higgins, Jr., J.T.
Catecholamine stimulation of ion transport in the toad urinary bladder (945) 81
Tsuchida, K. and Hatta, I.
ESR studies on the ripple phase in multilamellar phospholipid bilayers (945) 73
Tsukamoto, Y., Tamura, T. and Marumo, F.
ATP-driven Ca^{2+} pump in the basolateral membrane of rat kidney cortex catalyzes an electroneutral Ca^{2+}/H^{+} antiport (945) 281
Tsunoo, H., see Takami, M. (945) 291

Verkleij, A.J., see Lelkes, G. (945) 105
Vetter, I.R., Hanssum, H. and Bäumert, H.G.
Characterization of anion binding sites of sarcoplasmic reticulum vesicles by ^{35}Cl-NMR (945) 11
Villalobo, A., see Olorunsogo, O.O. (945) 33

Wang, K.K.W., see Olorunsogo, O.O. (945) 33
Ward, R., see Philipson, K.D. (945) 298
Weeks, G., see MacDonald, J.I.S. (945) 211
Wiener, M.C., see Yang, C.P. (945) 101
Wilson, D.M., see McMorrow, I. (945) 315
Wilson, T.H., see McMorrow, I. (945) 315

Yang, C.P., Wiener, M.C. and Nagle, J.F.
New phases of DPPC/water mixtures (945) 101
Yu, R.K., see Maggio, B. (945) 145

Zborowski, J., see Amler, E. (945) 367
Ziegler, K., Frimmer, M., Kessler, H. and Haupt, A.
Azidobenzamido-008, a new photosensitive substrate for the 'multispecific bile acid transporter' of hepatocytes: evidence for a common transport system for bile acids and cyclosomatostatins in basolateral membranes (945) 263
Zschoernig, O., see Barthel, D. (945) 361